Sustainable **Energy & Fuels**

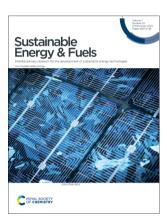
Interdisciplinary research for the development of sustainable energy technologies

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ISSN 2398-4902 CODEN SEFUA7 7(24) 5601-5736 (2023)



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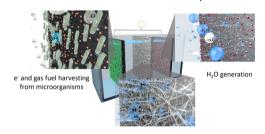
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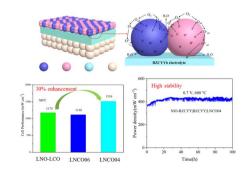
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Mingming Zhang, Xiangbo Deng, Hua Tong and Zetian Tao*



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Sustainable Energy & Fuels (electronic: ISSN 2398-4902) is published 24 times per year by the Royal Society of Chemistry,

Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK,

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge,

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2023 Annual (electronic) subscription price: £3218; US\$5447. Customers in Canada will be subject to a surcharge to cover GST. Customers in the EU subscribing to the electronic version only will be charged VAT.

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UiO-66(-NH₂) crystal-decorated Cu₇S₄ snowflakelike nanoarchitectures with synergistic charge migration for enhanced photocatalytic H2 evolution and N₂ fixation

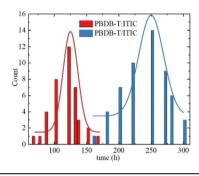
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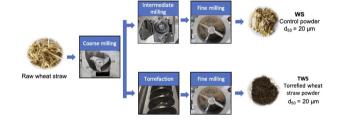
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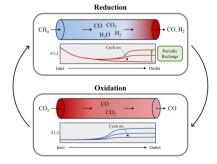
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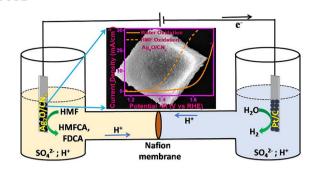
Enhanced syngas selectivity and carbon utilization during chemical looping reforming of methane via a non-steady redox cycling strategy

Caroline M. Hill, Simon Ackermann, Kathryn G. Trimm, Dylan C. McCord, Philipp Furler and Jonathan R. Scheffe*



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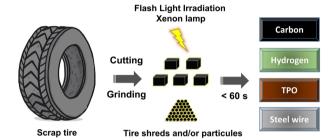
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MOF-derived interface-rich silver/silver oxide nanostructures as an effective electrocatalyst for oxidation of 5-hydroxymethylfurfural to 2,5furandicarboxylic acid (FDCA) with spontaneous FDCA separation in acid media

Rajib Samanta, Debashish Paik, Manjunatha Kempasiddaiah, Sonali Panigrahy and Sudip Barman*

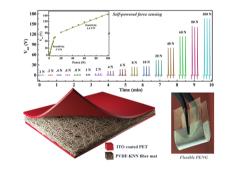
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Hydrogen production by waste tire recycling by photo-pyrolysis

Wanderson O. Silva,* Bhawna Nagar, Dennis Ellersiek, Luc Bondaz, Jordi Espín, Mathieu Soutrenon and Hubert H. Girault

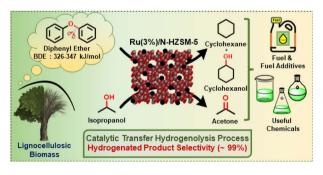
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An electrospun PVDF-KNN nanofiber based lead-free piezoelectric nanogenerator for mechanical energy scavenging and self-powered force sensing applications

B. S. Athira, Kuzhichalil Peethambharan Surendran* and Achu Chandran*

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Atul Kumar and Rajendra Srivastava*

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Expression of concern: Optimization of a compact layer of TiO₂ via atomic-layer deposition for high-performance perovskite solar cells

Ahmed Esmail Shalan, Sudhakar Narra, Tomoya Oshikiri, Kosei Ueno, Xu Shi, Hui-Ping Wu, Mahmoud M. Elshanawany, Eric Wei-Guang Diau* and Hiroaki Misawa*